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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Office of the Secretary Of Defense										Date: February 2018		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)					PE 0603821D8Z I Acquisition Enterprise Data & Information Services							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	0.000	1.761	2.198	2.506	-	2.506	3.071	3.925	3.987	4.060	Continuing	Continuing
840: Acquisition Enterprise Data & Information Services	0.000	1.761	2.198	2.506	-	2.506	3.071	3.925	3.987	4.060	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Acquisition Enterprise Data & Information Services (AEDIS) investment supports enhanced Acquisition Visibility (AV) for the Defense Acquisition Executive (DAE), Component Acquisition Executives (CAE), Service Chiefs of Staff, OSD senior leaders, and OSD and Component analysts who assess and decide the efficiency and effectiveness of acquiring and sustaining the Department's acquisition programs including Major Defense Acquisition Programs (MDAPs), Major IT investments, and Acquisition Category (ACAT) II – IV programs. AEDIS/AV supports DAE, CAE, and Service Chief responsibilities by providing critical information for acquisition analysis, oversight, and decisions. AEDIS/AV institutionalizes the management of data and business rules used in the Department's acquisition decision making, and it integrates the acquisition data stored across multiple disparate Federal and Departmental organizations' data sets and systems. The AEDIS/AV investment delivers a Department-wide accessible collection of acquisition information, techniques, and tools, including the Defense Acquisition Visibility Environment (DAVE), the Defense Acquisition Management Information Retrieval (DAMIR) capability, and acquisition data analysis capabilities as well as data access services and data standards via the Acquisition Visibility Data Matrix (AVDM). Funding supports enhancements to Acquisition Visibility through the definition, development, and fielding of concepts and tools for Department-wide data analysis for use across Congress and the Department, particularly in support of the DAE and his decision authority.

B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	2.136	2.198	2.523	-	2.523
Current President's Budget	1.761	2.198	2.506	-	2.506
Total Adjustments	-0.375	0.000	-0.017	-	-0.017
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.295	-			
• SBIR/STTR Transfer	-0.078	-			
• FFRDC Transfer	-0.002	-	-0.017	-	-0.017

Change Summary Explanation

FY19 reduction from FY18 PB due to anticipated lower inflationary pressures on software licensing required to maintain Acquisition Enterprise Data & Information Services related capabilities.

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For FY17 actuals 0.295 reprogrammed from RDT&E to O&M.			
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2017	FY 2018	FY 2019
Title: Acquisition Enterprise Data & Information Services Description: Acquisition Enterprise Data & Information Services investments enhance the visibility of the Department's acquisition programs for the Defense Acquisition Executive (DAE), Component Acquisition Executives (CAE), Service Chiefs of Staff, OSD senior leaders, and OSD and Component analysts. FY 2018 Plans: FY2018 plans include the continued development of Defense Acquisition Visibility Environment (DAVE) capability; development and prototyping of a SIPR instance of DAVE; and prototyping of efforts to transition legacy capabilities to DAVE. Development of DAVE includes architecture enhancements, new data and information, and additional capabilities. FY 2019 Plans: FY2019 plans include continued development and prototyping of legacy capabilities transitioning to Defense Acquisition Visibility Environment (DAVE), as well as development and prototyping of new acquisition visibility capabilities and applications to improve analysis and decision-making. FY 2018 to FY 2019 Increase/Decrease Statement: The increase from FY2018 to FY2019 reflects an anticipated increase in developer costs as well as increase costs for necessary licensing and data subscription services costs. As new applications are developed and prototyped within DAVE, data usage demands and the corresponding fees will increase.	1.761	2.198	2.506
Accomplishments/Planned Programs Subtotals	1.761	2.198	2.506
D. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
E. Acquisition Strategy Acquisition Enterprise Data & Information Services development and prototyping is acquired through a combination of small-disadvantaged business contract awards.			
F. Performance Metrics Code coverage reports must demonstrate a minimum of 80% code coverage for automated testing. Delivered capabilities must not exceed 0.5% unscheduled down time annually.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Office of the Secretary Of Defense												Date: February 2018			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0603821D8Z / Acquisition Enterprise Data & Information Services				Project (Number/Name) 840 / Acquisition Enterprise Data & Information Services					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DAVE Development	Option/ FFP	Koniag Information Security Services : Chantilly, VA	-	1.761	Jul 2017	2.198	Jul 2018	2.506	Jul 2019	-		2.506	Continuing	Continuing	N/A
Subtotal			-	1.761		2.198		2.506		-		2.506	Continuing	Continuing	N/A
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	1.761		2.198		2.506		-		2.506	Continuing	Continuing	N/A
Remarks NA															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Office of the Secretary Of Defense **Date:** February 2018

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603821D8Z / Acquisition Enterprise Data & Information Services	Project (Number/Name) 840 / Acquisition Enterprise Data & Information Services
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	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Defense Acquisition Visibility Environment (DAVE) Development																												
Program List Capability Development																												
Program Information Capability Development																												
Program Schedule Capability Development																												
Business Intelligence & Analytics Development																												
DAVE Operational Capability																												
DAMIR Transition to DAVE																												
SIPR DAVE Development and Deployment																												
Legacy Application Transition to DAVE																												
DAVE Enhancement Prototyping																												
SIPR DAVE Enhancement Prototyping																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Office of the Secretary Of Defense	Date: February 2018
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Defense Acquisition Visibility Environment (DAVE) Development</i>				
Program List Capability Development	1	2018	3	2018
Program Information Capability Development	2	2018	4	2018
Program Schedule Capability Development	2	2018	4	2018
Business Intelligence & Analytics Development	1	2018	2	2018
DAVE Operational Capability	4	2017	4	2018
DAMIR Transition to DAVE	2	2017	1	2019
SIPR DAVE Development and Deployment	1	2018	4	2018
Legacy Application Transition to DAVE	1	2019	1	2021
DAVE Enhancement Prototyping	1	2019	4	2022
SIPR DAVE Enhancement Prototyping	1	2019	4	2022